

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of:  
Hiroshi Naito et al.

Application No.: 10/584,666

Confirmation No.: 4975

Filed: May 29, 2007

Art Unit: 2862

For: MAGNETIC SENSOR AND  
MANUFACTURING METHOD THEREFOR

Examiner: B. L. Ledyhn

**TERMINAL DISCLAIMER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The undersigned is attorney of record for the assignee of the above-identified application. Yamaha Corporation certifies that it is the owner of 100% interest in the above identified patent application, as evidenced by the assignment attached hereto, which was recorded in the U.S. Patent and Trademark Office on May 31, 2007 at Reel 019360, Frame(s) 0550.

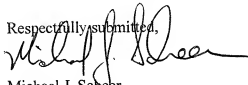
The owner hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the above-identified application, which would extend beyond the expiration date of the full statutory term defined in 35 U.S.C. 154 to 156 and 173, as presently shortened by any terminal disclaimer, of U.S. Patent 7,687,284. The owner hereby agrees that any patent that is granted on the above-identified application shall be enforceable only for and during such period that it and the above listed patent are commonly owned. This agreement runs with any patent granted on the above-identified application and is binding upon the grantee, its successors or assignees.

In making the above disclaimer, the owner does not disclaim the terminal part of any patent granted on the above-identified application that would extend to the expiration date of the full statutory term as defined in 35 U.S.C. 154 to 156 and 173 of the prior patent, as presently shortened by any terminal disclaimer, in the event that it later: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321, has all claims canceled by a reexamination certificate, is reissued, or is in any manner terminate prior to the expiration of its full statutory term.

Please charge our Credit Card in the amount of \$140.00 covering the fee set forth in 37 CFR 1.20(d). The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-2215, under Order No. X2007.0217.

Dated: September 29, 2010

Respectfully submitted,



Michael J. Scheer

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TO:MICHAEL J. SCHEER COMPAN DICKSTEIN SHAPIRO LLP

**UNITED STATES PATENT AND TRADEMARK OFFICE**UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAY 31, 2007

PTAS

**\*500286837A\*****\*500286837A\***MICHAEL J. SCHEER  
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NEW YORK, NY 10036UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 05/31/2007

REEL/FRAME: 019360/0550  
NUMBER OF PAGES: 5BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: X2007.0217ASSIGNOR:  
NAITO, HIROSHI

DOC DATE: 09/28/2006

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SATO, HIDEKI

DOC DATE: 09/28/2006

ASSIGNOR:  
WAKUI, YUKIO

DOC DATE: 09/28/2006

ASSIGNOR:  
OMURA, MASAYOSHI

DOC DATE: 09/28/2006

ASSIGNEE:  
YAMAHA CORPORATION  
10-1, NAKAZAWA-CHO

TO:MICHAEL J. SCHEER COMPANY, JICKSTEIN SHAPIRO LLP

HAMAMATSU-SHI  
SHIZUOKA-KEN, JAPAN

019360/0550 PAGE 2

SERIAL NUMBER: 10584666

FILING DATE:

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ISSUE DATE:

TITLE: MAGNETIC SENSOR AND MANUFACTURING METHOD THEREFOR

ASSIGNMENT SERVICES BRANCH  
PUBLIC RECORDS DIVISION

TO:MICHAEL J. SCHEER COMPANY DICKSTEIN SHAPIRO LLP

## PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.105/31/2007  
500286837

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

## CONVEYING PARTY DATA

Name	Execution Date
Hiroshi Naito	09/28/2006
Hideki Sato	09/28/2006
Yukio Wakui	09/28/2006
Masayoshi Omura	09/28/2006

## RECEIVING PARTY DATA

Name:	Yamaha Corporation
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Internal Address:	Hamamatsu-Shi
City:	Shizuoka-ken
State/Country:	JAPAN

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10584666

## CORRESPONDENCE DATA

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X2007.0217

NAME OF SUBMITTER:

Michael J. Scheer

OP \$40.00 10584666

TO: MICHAEL J. SCHEER COMPANY, DICKSTEIN SHAPIRO LLP

Total Attachments: 3

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## ASSIGNMENT BY INVENTORS

**THIS ASSIGNMENT**, by (1) Hiroshi NAITO; (2) Hideki SATO; (3) Yukio WAKUI; (4) Masayoshi OMURA (hereinafter referred to as "Assignors"), residing at (1)Aira-gun, Japan; (2)Hamamatsu-Japan; (3)Iwata-shi, Japan; and (4)Hamamatsu-shi, Japan \_\_\_\_\_, respectively;

**WHEREAS**, Assignors have invented certain new and useful improvements in MAGNETEIC SENSOR AND MANUFACTURING METHOD THEREFOR,  
set forth in a patent application for Letters Patent of the United States, executed concurrently herewith; and

**WHEREAS**, YAMAHA CORPORATION (hereinafter referred to as "Assignee"), having offices at 10-1, Nakazawa-cho, Hamamatsu-shi, Shizuoka-ken, Japan, is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefor and thereon.

**NOW, THEREFORE**, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

**AND** for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

**AND** Assignors hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

**AND** Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document: Edward A. Meilman, Reg. No. 24,735, Gary M. Hoffman, Reg. No. 26,411, Steven I. Weisburd, Reg. No. 27,409, Thomas J. D'Amico, Reg. No. 28,371, Donald A. Gregory, Reg.



No. 28,954, Stephen A. Soffen, Reg. No. 31,063, James W. Brady, Jr., Reg. No. 32,115, Jon D. Grossman, Reg. No. 32,699, Mark J. Thronson, Reg. No. 33,082, Michael J. Scheer, Reg. No. 34,425, and Eric Oliver, Reg. No. 35,307, of Dickstein Shapiro Morin & Oshinsky LLP.

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

**Assignors:**

Hiroshi Naito  
Hiroshi NAITO

Date: September 28, 2006

Hideki Sato  
Hideki SATO

Date: September 28, 2006

Yukio Wakui  
Yukio WAKUI

Date: September 28, 2006

Masayoshi Omura  
Masayoshi OMURA

Date: September 28, 2006